

# LECTOTYPIFICATION OF SCHLECHTENDAL MYRSINACEAE FROM SCHIEDE AND DEPPE COLLECTIONS

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## ABSTRACT

*Ardisia escallonoides*, *Myrsine myricoides* and *Parathesis melanostricta* (Myrsinaceae), are lectotypified, based on Schiede and Deppe collections housed at HAL.

## RESUMEN

Se lecotifican *Ardisia escallonoides*, *Myrsine myricoides* y *Parathesis melanostricta* (Myrsinaceae), en base a colecciones de Schiede y Deppe guardados en el herbario HAL.

## INTRODUCTION

C.J.W. Schiede and F. Deppe collected in central Mexico between 1828 and 1836, and sent those collections to D.F.L. von Schlechtendal in Berlin (now B). Schlechtendal with A. von Chamisso determined the material and published the results in a series of papers in *Linnaea*. However, in 1833 Schlechtendal moved from Berlin to become the Director of the Botanical Garden and professor of botany at Friedrichs-Universität (since 1933 Martin-Luther-Universität) in Halle, Germany. He transferred his private herbarium to Halle, which contained numerous duplicates of collections from B. After his death in 1866, his private herbarium was acquired by the university and merged with the university herbarium (now known as HAL). Given that the herbarium in Berlin was destroyed in 1943 during World War II, we cannot be sure whether Schlechtendal transferred the types for the new species of Myrsinaceae to HAL when he moved, or brought only duplicates. Therefore, the only choice we have is to lectotypify his names with the duplicates at HAL that bear notes handwritten by Schlechtendal. Lectotypifications are as follows:

***Ardisia escallonoides*** Schldtl. & Cham., *Linnaea* 6:393. 1831. *Tinus escallonoides* (Schldtl. & Cham.) Kuntze, *Revis. Gen. Pl.* 2:974. 1891. TYPE: MEXICO. VERACRUZ: in sylvis Papantlae [Papantla], without elev., Dec 1828 (fl., fr.), C. Schiede & F. Deppe 1226 (LECTOTYPE, here designated: HAL accession number 89724-A + B; ISOLECTOTYPES: K, MO (LL neg. 1971-39), W).

We here by designate the collection at HAL, accession number 89724 A+B as the lectotype.

**Myrsine coriacea** (Sw.) R. Br. ex Roem. & Schult. *Myrsine myricoides* Schltdl., *Linnaea* 8:525. 1834. *Rapanea myricoides* (Schltdl.) Lundell, *Wrightia* 3:109. 1964. TYPE. MEXICO. VERACRUZ: Jalapae [Jalapa], without elev., May 1829 (fr.), C. Schiede 175 (LECTOTYPE, here designated: HAL accession number 89723-Bogen A/AB; ISOLECTOTYPES: HAL 89723-Bogen B/AB, MO).

*Myrsine myricoides* Schltdl. has been considered a synonym of *M. coriacea* (Sw.) R. Br. ex Roem. & Schult. for some time. In our previous publications Pipoly (1992a), Ricketson & Pipoly (1997,1999) we erroneously attributed the type to *H. Galeotti* 521, 522 and 526 based on Mez's (1902) list of species. Lundell (1964) also failed to designate a lectotype when he placed this species in the now synonymized genus *Rapanea*, see: C. Chen and Pipoly (1996), Pipoly (1991, 1992a, 1992b, 1996) and Pipoly and C. Chen (1995). It is now clear that Schlechtendal based his new species solely on the C. Schiede 175 collection. As noted above, HAL has two specimens of this collection, we here by designate the specimen with the hand written label (in Schiede's hand) that states, "175, Myrica jalapensis form., Jalapae, Maj. 29." This specimen also includes a label from Schlechtendal "*Myrsine myricoides* n. sp." and a determination slip from Carl Mez, 1901 determined as *Rapanea ferruginea* [(Ruíz & Pav.)] Mez. The HAL isolectotype does not have a locality label with only the Schlechtendal's hand written label stating "175, *Myrsine myricoides*" without the "n. sp." addition. This lends further evidence for selecting the specimen with the hand written locality label.

**Parathesis melanostricta** (Schltdl.) Hemsl., *Biol. Centr.-Amer., Bot.* 2:291. 1881. *Ardisia melanostricta* Schltdl., *Linnaea* 8:526. 1834. TYPE. MEXICO. VERACRUZ: In sylvis inter San Salvador et Jalapam, Jun 1829 (fl.), C. Schiede 178 (LECTOTYPE: HAL; ISOLECTOTYPES: G (F neg. no. 26685), GH, MO, NY (LL neg. no. 1217), W).

We here by designate the HAL collection, accession number 95759, as the lectotype.

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